

Converting Colors

YUV(179.5570, -32.3196,
-87.3115)

Have a look what the booklet for
YUV(179.5570, -32.3196, -87.3115)
contains.

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Color

**YUV(179.5570, -32.3196,
-87.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	50F372
RGB	80, 243, 114
RGB Percent	31%, 95%, 45%
CMY	0.6863, 0.0471, 0.5529
CMYK	0.67, 0.00, 0.53, 0.05
HSL	133°, 87%, 63%
HSV	133°, 67%, 95%
XYZ	38.3961, 67.0216, 26.8324
YIQ	179.5570, -55.7390, -74.6750

Conversions

Conversions Part 2

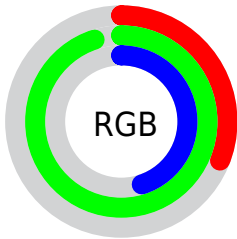
Format	Color
R _{YB}	80, 215, 243
Decimal	5305202
CIE Lab	85.51, -67.95, 49.64
CIE LCh	86, 84.145, 143.851
Yxy	67.0216, 0.2903, 0.5068
Android (android.graphics.Color)	4283495282 (0xFF50F372)
YUV	179.5570, -32.3196, -87.3115
Hunter-Lab	81.8667, -59.5488, 37.8740

Details

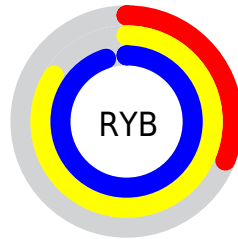
The YUV color **179.5570, -32.3196, -87.3115** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **143.4430, 32.3196, 87.3115**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4910, -21.9341, -58.3126**, and **115.5490, -26.8927, -101.3365** is the 20% darker color. If you saturate the color by 10%, you get **170.2150, -37.0810, -100.1666**, and if you desaturate by 10%, it is **188.8990, -27.5582, -74.4564**.

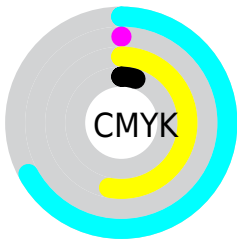
Distribution



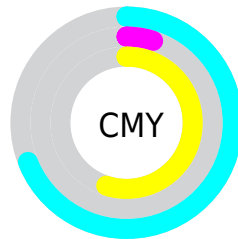
- Red (31%)
- Green (95%)
- Blue (45%)



- Red (31%)
- Yellow (84%)
- Blue (95%)



- Cyan (67%)
- Magenta (0%)
- Yellow (53%)
- Black (5%)



- Cyan (69%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.5570, -32.3196, -87.3115 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 179.5570, -32.3196, -87.3115 by changing the saturation by 10% instead.

179.5570,
-32.3196, -87.3115

179.5570,
-32.3196, -87.3115

255.0000, 0.0000,
0.0000

146.1150,
-28.6507, -97.4479

212.4910,
-21.9341, -58.3126

115.5490,
-26.8927, -101.3365

225.2510,
-14.4207, -41.4391

96.5080, -31.3094,
-84.6375

237.8260, -6.3232,
-25.2804

76.3100, -37.6208,
-66.9239

250.4010, 1.7743,
-9.1217

61.0480, -30.0967,
-53.5391

45.7860, -22.5725,
-40.1543

32.2850, -15.9165,

-28.3139

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 179.5570,
-32.3196, -87.3115

■ 179.5570,
-32.3196, -87.3115

■ 170.2150,
-37.0810, -100.1666

■ 188.8990,
-27.5582, -74.4564

■ 160.5740,
-41.6950, -113.6364

■ 198.5400,
-22.9442, -60.9866

■ 151.1180,
-46.8932, -126.3915

■ 207.9960,
-17.7460, -48.2315

■ 148.4550,
-48.0453, -130.1950

■ 217.3380,
-12.9846, -35.3764

■ 226.9790, -8.3706,
-21.9066

■ 236.3210, -3.6093,
-9.0515

■ 245.7770, 1.5889,
3.7036

■ 247.9560, 3.4727,
6.1776

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196.4880, -74.1906, -3.9360



179.5570, -32.3196, -87.3115



168.8660, 12.3911, -148.0955

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



179.5570, -32.3196, -87.3115



162.9060, 45.4023, -142.8686



177.1550, -11.4154, 68.2701

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



179.5570, -32.3196, -87.3115



143.4430, 32.3196, 87.3115

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



183.3400, 24.9754, 62.8458



179.5570, -32.3196, -87.3115



200.8880, 26.6772, -16.5648

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



179.5570, -32.3196, -87.3115



172.2980, 40.7721, -151.1053



201.5830, 26.3346, 46.8467



186.7850, -50.6730, 59.8246

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179.5570, -32.3196, -87.3115



175.8370, 36.5624, -154.2090



201.5830, 26.3346, 46.8467



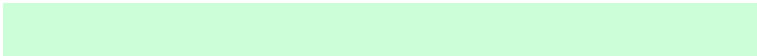
176.5970, 1.6777, 68.7594

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



179.5570, -32.3196, -87.3115



235.1910, -9.9542, -27.3545



214.5510, -66.3336, -3.9912



115.8810, -6.3503, -16.5586



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



179.5570, -32.3196, -87.3115



175.6500, -40.2535, -109.3180



188.6770, 2.6242, -95.3097



117.3860, -2.1623, -6.4775



113.6280, -36.7916, -99.6518



36.0010, -11.8325, -31.5729

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



143.4430, 32.3196, 87.3115



130.3500, 40.2535, 109.3180



134.3230, -2.6242, 95.3097



114.7280, 2.5991, 6.3775



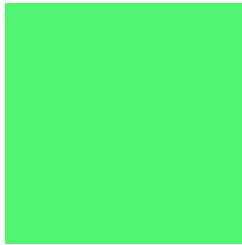
72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 179.5570, -32.3196, -87.3115 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 179.5570, -32.3196, -87.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

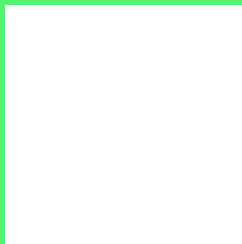
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.5570, -32.3196, -87.3115 Background



This preview shows how black text looks on a background with the YUV color 179.5570, -32.3196, -87.3115.



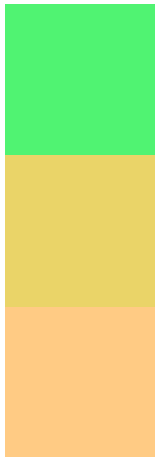
This preview shows how white text looks on a background with the YUV color 179.5570, -32.3196, -87.3115.

-87.3115.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

179.5570, -32.3196, -87.3115

Protanopia

206.2660, -50.4171, 24.3227

Deuteranopia

210.4540, -38.6778, 39.0668



Tritanopia

198.4610, 23.9297, -68.8103

Trichromacy



Original Color

179.5570, -32.3196, -87.3115



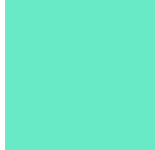
Protanomaly

196.4350, -43.5985, -16.1675



Deuteranomaly

199.3250, -36.6422, -7.3010



Tritanomaly

191.4390, 3.7276, -75.8070

Monochromacy



Original Color

179.5570, -32.3196, -87.3115



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.0010, -11.8325, -31.5729

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5570, -32.3196, -87.3115 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(80, 243, 114)` looks like.

```
.text, #text, p{  
    color:rgb(80, 243, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(80, 243, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 243, 114) }
```

Border

The CSS property to change the border of an element to YUV 179.5570, -32.3196, -87.3115 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 243, 114) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(80, 243, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(80, 243, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 243, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 243, 114);  
box-shadow:4px 4px 4px 4px rgb(80, 243,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 179.5570, -32.3196, -87.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 243, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(80, 243,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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